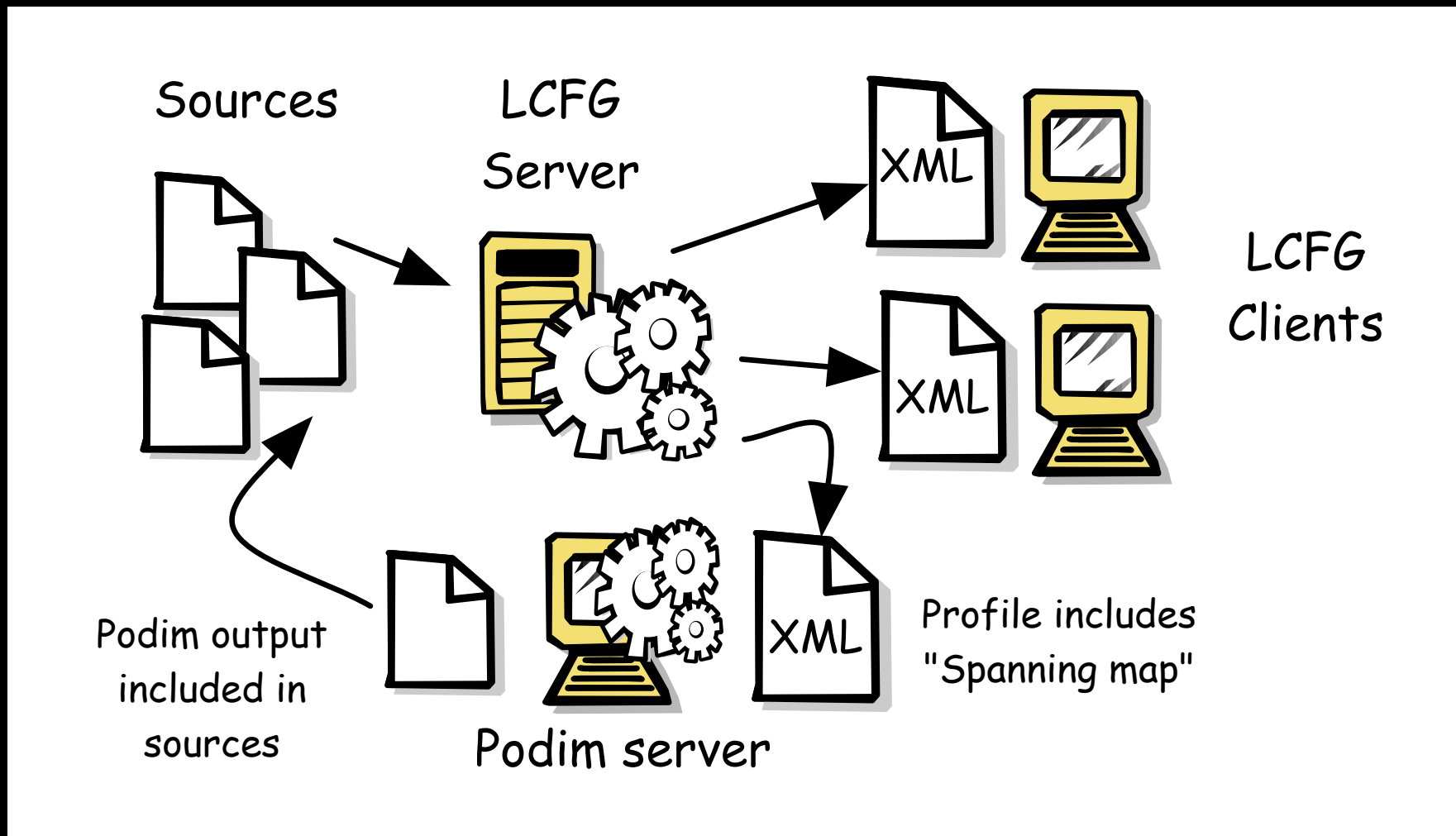


Some LCFG-related projects

- Some projects for information ...
 - PODIM & Constraints
 - Visualisation
 - Service Dependencies
- LCFG developments
 - Web site
 - SAGE Booklet
 - Server Redevelopment
 - LISA '08
- Collecting data - why do things change?

LCFG/Podim



- A Paper with Thomas Delaet (ICN 2008)
- Solves “2 DHCP servers on each subnet”

Visualisation

- An MSc project at Oslo
 - 3 students, supervised by Simen Hagen
 - We are collecting all profiles once a day
 - They are sanitised
 - I need help with putting them somewhere safe!
- Visualisation may be
 - Spatial - relationships? similarity and clustering?
 - Time based - videos of changing structure?
- **Suggestions/ideas welcome!**

Service Dependencies

- A CS4 Project (Jamie Laing)
 - Download all profiles
 - Parse them to extract specific resources
 - Make a database of dependencies
 - Analyse it for (eg.) false redundancy
- Service dependencies are less explicit than I expected from the LCFG profiles
 - Dependencies are not always clear-cut
- **Should they be clearer from the profile?**

LCFG Website



- 👁️ Funded by a “small project grant” - Design by IS
- 👁️ Separate style (Dreamweaver/CSS) & content

SAGE Booklet on LCFG

- I'm working on a SAGE Booklet on LCFG
 - To complement the "System Configuration" one
 - To be published later this year
- This will hopefully replace the material in the (rotting) LCFG Guide
 - It will contain "stable" material as much as possible
 - It will be very "hands on"
 - Transient material will be referred to the website
- **Volunteers to read/comment very welcome!**

Server Redevelopment

- We are planning an Informatics project to rewrite the LCFG server
- “Proof of Concept” (POC) project
 - We are considering bidding for a POC project which would provide funding to investigate possible commercialisation
 - This would provide some programming resources to complement the LCFG redevelopment project
 - Possible submission later this year would provide one person starting next year

USENIX LISA '08

- LISA 2008 will be in San Diego (November)
- The Call for Papers is out now:
<http://www.usenix.org/event/lisa08/>
- Stephen found it very useful last year
I'm hoping the School will fund someone this year
- It's possible that I'll be running a tutorial on LCFG

Collecting Data

- I'm interested in collecting some data about how LCFG is used
 - To guide the design of new systems
- Why are configurations different?
- Why do configuration changes get made?
 - New hardware? Software upgrade? Configuration bug fix? Organisational change?
- How could we collect this information without causing people a lot of work?
- **Comments / suggestions ?**